

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Han, et al.  
Application Control No.: 10/574,747  
For: Cattle Beta-Casein Gene Targeting Vector Using  
Homologous Recombination  
Filed: September 17, 2008  
Examiner: Deborah Crouch  
Art Unit: 1632  
Confirmation No.: 2538  
Customer No.: 27,623

Attorney Docket No.: 0002838USU/4105

**AMENDMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to a non-final Office Action mailed March 30, 2010 (hereinafter "the Office Action") please amend the application as follows:

**Listing of the claims** begins on page 2.

**Remarks** begin on page 5.